



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008
Code: 10121166
SAU: Bar Harbor School Department
School: Conners-Emerson School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

SUMMARY OF SCORES

Test Date: March 2008

Grade: 6

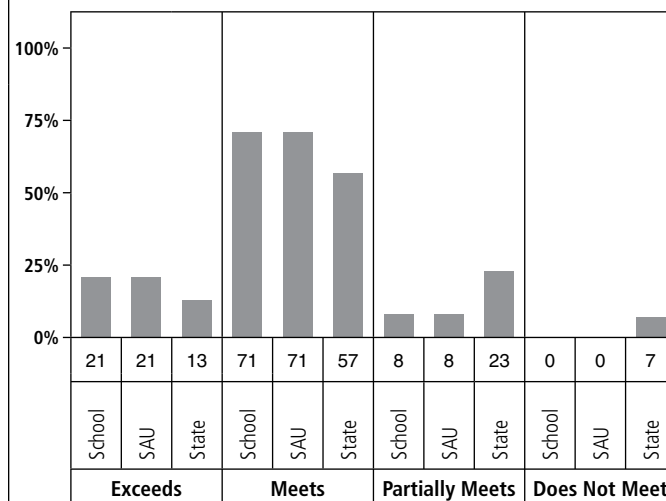
SAU: Bar Harbor School Department

School: Conners-Emerson School

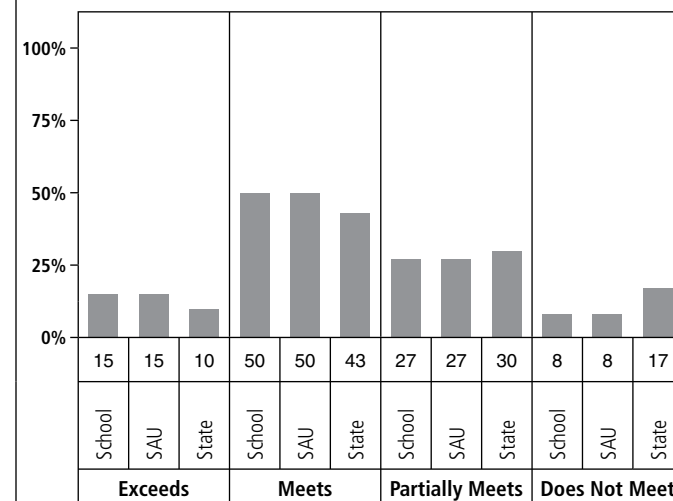
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	655	655	644
2006–2007	652	652	646
2007–2008	654	654	648
Cum. Avg. *	654	654	646
Mathematics			
2005–2006	644	644	641
2006–2007	646	646	643
2007–2008	647	647	642
Cum. Avg. *	646	646	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 6
 SAU: Bar Harbor School Department
 School: Conners-Emerson School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	48	100	48	100	14365	100	48	100	48	100	14266	99	48	100	48	100	14268	99												
Ethnicity African American/Black	1	2	1	2	418	3	1	100	1	100	407	97	1	100	1	100	413	99												
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	110	99	0	0	0	0	110	99												
Asian or Pacific Islander	1	2	1	2	249	2	1	100	1	100	249	100	1	100	1	100	248	100												
Hispanic	0	0	0	0	149	1	0	0	0	0	147	99	0	0	0	0	147	99												
Caucasian/White	46	96	46	96	13438	94	46	100	46	100	13353	100	46	100	46	100	13350	100												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	3	6	3	6	2518	18	3	100	3	100	2479	99	3	100	3	100	2479	99												
Current LEP	0	0	0	0	349	2	0	0	0	0	339	97	0	0	0	0	344	99												
Economically disadvantaged	2	4	2	4	5335	37	2	100	2	100	5277	99	2	100	2	100	5279	99												
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	48	100	48	100	11613	81	48	100	48	100	11626	81												
Identified disability (PET/IEP)	3	6	3	6	373	3	3	6	3	6	373	3												
LEP	0	0	0	0	187	2	0	0	0	0	187	2												
504 plan	2	4	2	4	149	1	2	4	2	4	150	1												
Participation with accommodations	0	0	0	0	2451	17	0	0	0	0	2446	17												
Identified disability (PET/IEP)	0	0	0	0	1909	78	0	0	0	0	1910	78												
LEP	0	0	0	0	142	6	0	0	0	0	152	6												
504 plan	0	0	0	0	85	3	0	0	0	0	84	3												
Other	0	0	0	0	350	14	0	0	0	0	335	14												
Participation through alternate assessment (PAAP)	0	0	0	0	197	1	0	0	0	0	196	1												
Identified disability (PET/IEP)	0	0	0	0	197	100	0	0	0	0	196	100												
LEP	0	0	0	0	5	3	0	0	0	0	5	3												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	24	0												
Non-participation – other	0	0	0	0	75	1	0	0	0	0	73	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 6
SAU: Bar Harbor School Department
School: Conners-Emerson School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	11	27	11	27	1176	8
	2006-2007	10	22	10	22	1132	8
	2007-2008	10	21	10	21	1817	13
	Cum. Total*	31	23	31	23	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	25	61	25	61	7612	51
	2006-2007	26	57	26	57	8127	57
	2007-2008	34	71	34	71	8072	57
	Cum. Total*	85	63	85	63	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	4	10	4	10	4080	27
	2006-2007	8	17	8	17	3549	25
	2007-2008	4	8	4	8	3194	23
	Cum. Total*	16	12	16	12	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	1	2	1	2	2005	13
	2006-2007	2	4	2	4	1478	10
	2007-2008	0	0	0	0	981	7
	Cum. Total*	3	2	3	2	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	37.1	66.3	37.1	66.3	32.7	58.4
Literary Text	28	50	18.4	65.7	18.4	65.7	16.3	58.2
Informational Text	28	50	18.7	66.8	18.7	66.8	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Bar Harbor School Department
 School: Conners-Emerson School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	48	10	21	34	71	4	8	0	0	654	48	21	71	8	0	654	14064	13	57	23	7	648
Ethnicity																						
African American/Black	1										1						399	7	47	28	17	642
American Indian or Native Alaskan	0										0						108	4	54	32	10	643
Asian or Pacific Islander	1										1						247	16	60	20	4	650
Hispanic	0										0						145	8	45	34	14	643
Caucasian/White	46	10	22	32	70	4	9	0	0	654	46	22	70	9	0	654	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	3										3						2282	2	29	42	27	636
No	45	10	22	34	76	1	2	0	0	655	45	22	76	2	0	655	11782	15	63	19	3	650
Current LEP																						
Yes	0										0						329	4	44	30	22	640
No	48	10	21	34	71	4	8	0	0	654	48	21	71	8	0	654	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	2										2						5153	6	51	31	12	643
No	46	10	22	32	70	4	9	0	0	654	46	22	70	9	0	654	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	48	10	21	34	71	4	8	0	0	654	48	21	71	8	0	654	14057	13	57	23	7	648
Gender																						
Female	28	7	25	20	71	1	4	0	0	655	28	25	71	4	0	655	6967	16	59	20	5	650
Male	20	3	15	14	70	3	15	0	0	652	20	15	70	15	0	652	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	4										4						1186	6	41	42	11	642
No	44	10	23	31	70	3	7	0	0	654	44	23	70	7	0	654	12878	14	59	21	7	648
Gifted/talented program																						
Yes	7	5	71	2	29	0	0	0	0	663	7	71	29	0	0	663	557	50	48	2	0	661
No	41	5	12	32	78	4	10	0	0	652	41	12	78	10	0	652	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 6
 SAU: Bar Harbor School Department
 School: Conners-Emerson School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						6	7	43	30	20	641
B. less than one hour	58	8	29	20	71	0	0	0	0	655	58	29	71	0	0	655	56	13	58	23	6	648
C. one to two hours	40	2	11	13	68	4	21	0	0	651	40	11	68	21	0	651	34	15	60	20	5	649
D. more than two hours	2	0	0	1	100	0	0	0	0	660	2	0	100	0	0	660	3	9	46	29	16	643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	29	3	21	10	71	1	7	0	0	655	29	21	71	7	0	655	40	17	60	19	5	650
B. They match some of what I have learned.	56	6	22	19	70	2	7	0	0	654	56	22	70	7	0	654	48	12	59	23	6	648
C. They match just a little of what I have learned.	10	1	20	3	60	1	20	0	0	652	10	20	60	20	0	652	9	7	45	34	15	643
D. There is no match.	4	0	0	2	100	0	0	0	0	648	4	0	100	0	0	648	3	3	31	37	29	637
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	42	7	35	11	55	2	10	0	0	656	42	35	55	10	0	656	28	26	58	11	4	653
B. good	50	3	13	21	88	0	0	0	0	653	50	13	88	0	0	653	54	9	61	24	6	647
C. fair	6	0	0	2	67	1	33	0	0	646	6	0	67	33	0	646	16	3	48	37	13	642
D. poor	2	0	0	0	0	1	100	0	0	640	2	0	0	100	0	640	2	1	37	39	23	637
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	15	2	29	3	43	2	29	0	0	652	15	29	43	29	0	652	15	10	48	27	15	644
B. about the same as my regular schoolwork	60	5	17	23	79	1	3	0	0	654	60	17	79	3	0	654	66	13	59	22	5	649
C. easier than my regular schoolwork	25	3	25	8	67	1	8	0	0	654	25	25	67	8	0	654	18	15	58	20	7	649
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	0	0	1	50	1	50	0	0	643	4	0	50	50	0	643	9	2	37	37	23	638
B. Most of the passages were about the same as what I normally read.	42	2	10	16	80	2	10	0	0	653	42	10	80	10	0	653	54	9	59	26	6	647
C. Most of the passages were easier than what I normally read.	54	8	31	17	65	1	4	0	0	655	54	31	65	4	0	655	36	21	60	15	4	652
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	44	4	19	15	71	2	10	0	0	653	44	19	71	10	0	653	46	13	56	24	7	648
B. I tried about the same as I do on my regular schoolwork.	54	6	23	18	69	2	8	0	0	654	54	23	69	8	0	654	50	14	60	21	6	649
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	1	100	0	0	0	0	648	2	0	100	0	0	648	3	5	46	30	20	641
How much time do you spend reading at home each day?																						
A. more than one hour	15	5	71	2	29	0	0	0	0	664	15	71	29	0	0	664	19	19	58	17	6	651
B. 20 minutes to an hour	83	5	13	32	80	3	8	0	0	652	83	13	80	8	0	652	51	15	60	20	5	649
C. less than 20 minutes	2	0	0	0	0	1	100	0	0	636	2	0	0	100	0	636	12	9	56	26	9	646
D. I rarely read at home.	0										0						18	4	50	34	13	643
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 6
SAU: Bar Harbor School Department
School: Conners-Emerson School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	7	17	7	17	1463	10
	2006-2007	9	20	9	20	2092	15
	2007-2008	7	15	7	15	1474	10
	Cum. Total*	23	17	23	17	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	17	41	17	41	5914	40
	2006-2007	19	43	19	43	5731	40
	2007-2008	24	50	24	50	6008	43
	Cum. Total*	60	45	60	45	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	11	27	11	27	4494	30
	2006-2007	10	23	10	23	4175	29
	2007-2008	13	27	13	27	4244	30
	Cum. Total*	34	26	34	26	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	6	15	6	15	3014	20
	2006-2007	6	14	6	14	2308	16
	2007-2008	4	8	4	8	2346	17
	Cum. Total*	16	12	16	12	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	10.7	56.3	10.7	56.3	9.6	50.5
Cluster 2: Shape and Size	15	27	8.3	55.3	8.3	55.3	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	4.7	67.1	4.7	67.1	4.2	60.0
Cluster 4: Patterns	15	27	9.0	60.0	9.0	60.0	7.5	50.0

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Bar Harbor School Department
 School: Conners-Emerson School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	48	7	15	24	50	13	27	4	8	647	48	15	50	27	8	647	14072	10	43	30	17	642
Ethnicity																						
African American/Black	1										1						409	4	26	35	35	632
American Indian or Native Alaskan	0										0						108	6	26	39	29	635
Asian or Pacific Islander	1										1						247	13	50	25	13	646
Hispanic	0										0						145	9	32	34	25	638
Caucasian/White	46	7	15	23	50	12	26	4	9	647	46	15	50	26	9	647	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	3										3						2283	2	18	31	49	627
No	45	7	16	23	51	13	29	2	4	648	45	16	51	29	4	648	11789	12	48	30	10	645
Current LEP																						
Yes	0										0						339	5	22	32	41	631
No	48	7	15	24	50	13	27	4	8	647	48	15	50	27	8	647	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	2										2						5160	4	34	36	26	636
No	46	7	15	23	50	12	26	4	9	647	46	15	50	26	9	647	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	48	7	15	24	50	13	27	4	8	647	48	15	50	27	8	647	14065	10	43	30	17	642
Gender																						
Female	28	5	18	15	54	7	25	1	4	650	28	18	54	25	4	650	6974	10	43	31	16	642
Male	20	2	10	9	45	6	30	3	15	643	20	10	45	30	15	643	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	4										4						1192	4	23	43	30	634
No	44	7	16	23	52	11	25	3	7	648	44	16	52	25	7	648	12880	11	44	29	15	643
Gifted/talented program																						
Yes	7	6	86	1	14	0	0	0	0	670	7	86	14	0	0	670	557	53	42	4	0	663
No	41	1	2	23	56	13	32	4	10	643	41	2	56	32	10	643	13515	9	43	31	17	641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 6
 SAU: Bar Harbor School Department
 School: Conners-Emerson School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						6	6	33	31	31	635
B. less than one hour	58	7	25	13	46	7	25	1	4	651	58	25	46	25	4	651	56	11	43	30	16	643
C. one to two hours	40	0	0	10	53	6	32	3	16	641	40	0	53	32	16	641	34	11	45	30	14	644
D. more than two hours	2	0	0	1	100	0	0	0	0	656	2	0	100	0	0	656	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	29	4	29	9	64	1	7	0	0	655	29	29	64	7	0	655	45	14	47	28	11	646
B. They match some of what I have learned.	48	2	9	9	39	9	39	3	13	643	48	9	39	39	13	643	43	8	43	33	17	641
C. They match just a little of what I have learned.	23	1	9	6	55	3	27	1	9	646	23	9	55	27	9	646	9	6	30	33	32	635
D. There is no match.	0										0						3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	19	2	22	5	56	2	22	0	0	652	19	22	56	22	0	652	29	24	51	17	8	651
B. good	56	5	19	13	48	7	26	2	7	648	56	19	48	26	7	648	48	6	45	33	16	641
C. fair	23	0	0	5	45	4	36	2	18	641	23	0	45	36	18	641	19	1	29	42	28	634
D. poor	2	0	0	1	100	0	0	0	0	650	2	0	100	0	0	650	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	60	3	11	12	43	9	32	4	14	644	60	11	43	32	14	644	24	5	38	33	24	638
B. about the same as my regular schoolwork	38	4	22	10	56	4	22	0	0	652	38	22	56	22	0	652	62	9	45	31	14	643
C. easier than my regular schoolwork	2	0	0	1	100	0	0	0	0	646	2	0	100	0	0	646	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	48	3	13	9	39	8	35	3	13	645	48	13	39	35	13	645	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	48	4	17	14	61	4	17	1	4	650	48	17	61	17	4	650	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	1	50	1	50	0	0	642	4	0	50	50	0	642	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	17	0	0	4	50	4	50	0	0	644	17	0	50	50	0	644	17	8	39	30	22	639
B. two or three days a week	52	6	24	12	48	5	20	2	8	649	52	24	48	20	8	649	34	11	44	31	14	643
C. two or three times each month	29	1	7	8	57	3	21	2	14	647	29	7	57	21	14	647	31	12	44	29	15	644
D. never or almost never	2	0	0	0	0	1	100	0	0	632	2	0	0	100	0	632	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	0										0						11	11	37	29	23	641
B. two or three days a week	10	0	0	3	60	2	40	0	0	642	10	0	60	40	0	642	32	11	44	30	15	643
C. two or three times each month	48	3	13	13	57	6	26	1	4	649	48	13	57	26	4	649	32	11	45	30	15	643
D. never or almost never	42	4	20	8	40	5	25	3	15	646	42	20	40	25	15	646	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	0										0						7	6	29	33	32	635
B. 30–45 minutes	50	2	8	12	50	6	25	4	17	645	50	8	50	25	17	645	37	8	39	34	20	640
C. 45–60 minutes	48	5	22	11	48	7	30	0	0	650	48	22	48	30	0	650	42	13	47	28	12	645
D. more than 60 minutes	2	0	0	1	100	0	0	0	0	644	2	0	100	0	0	644	15	12	46	27	15	644
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											